

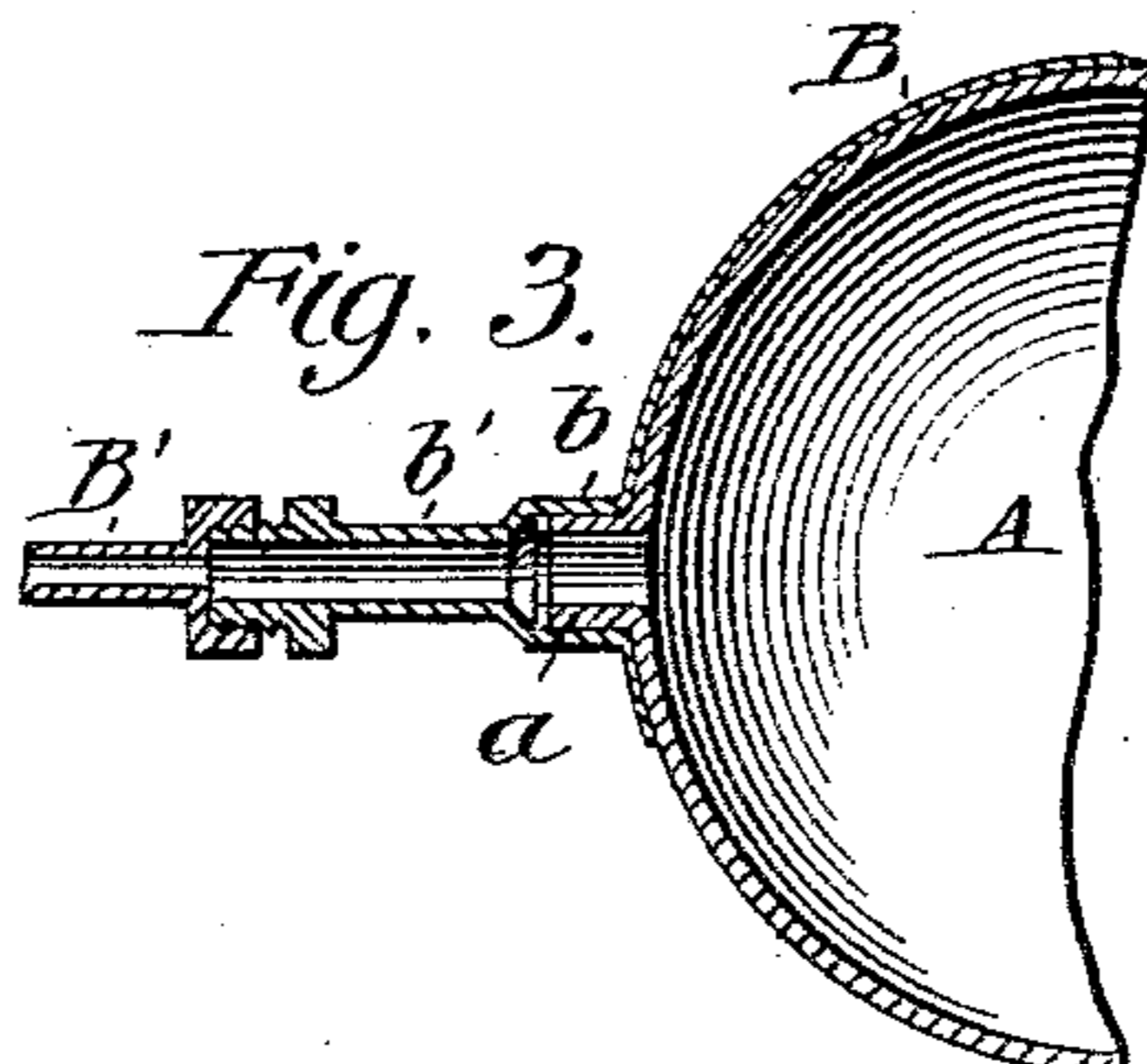
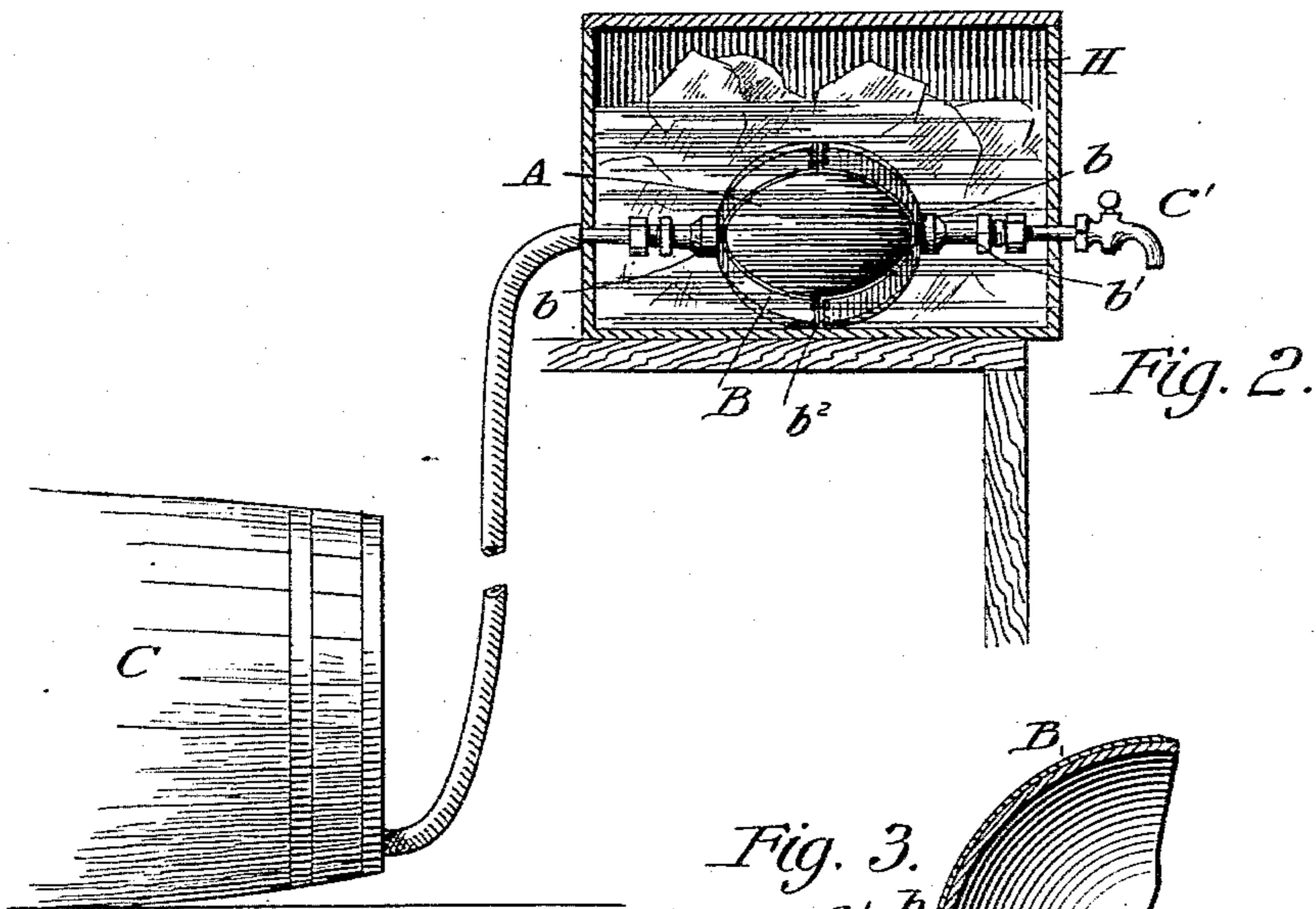
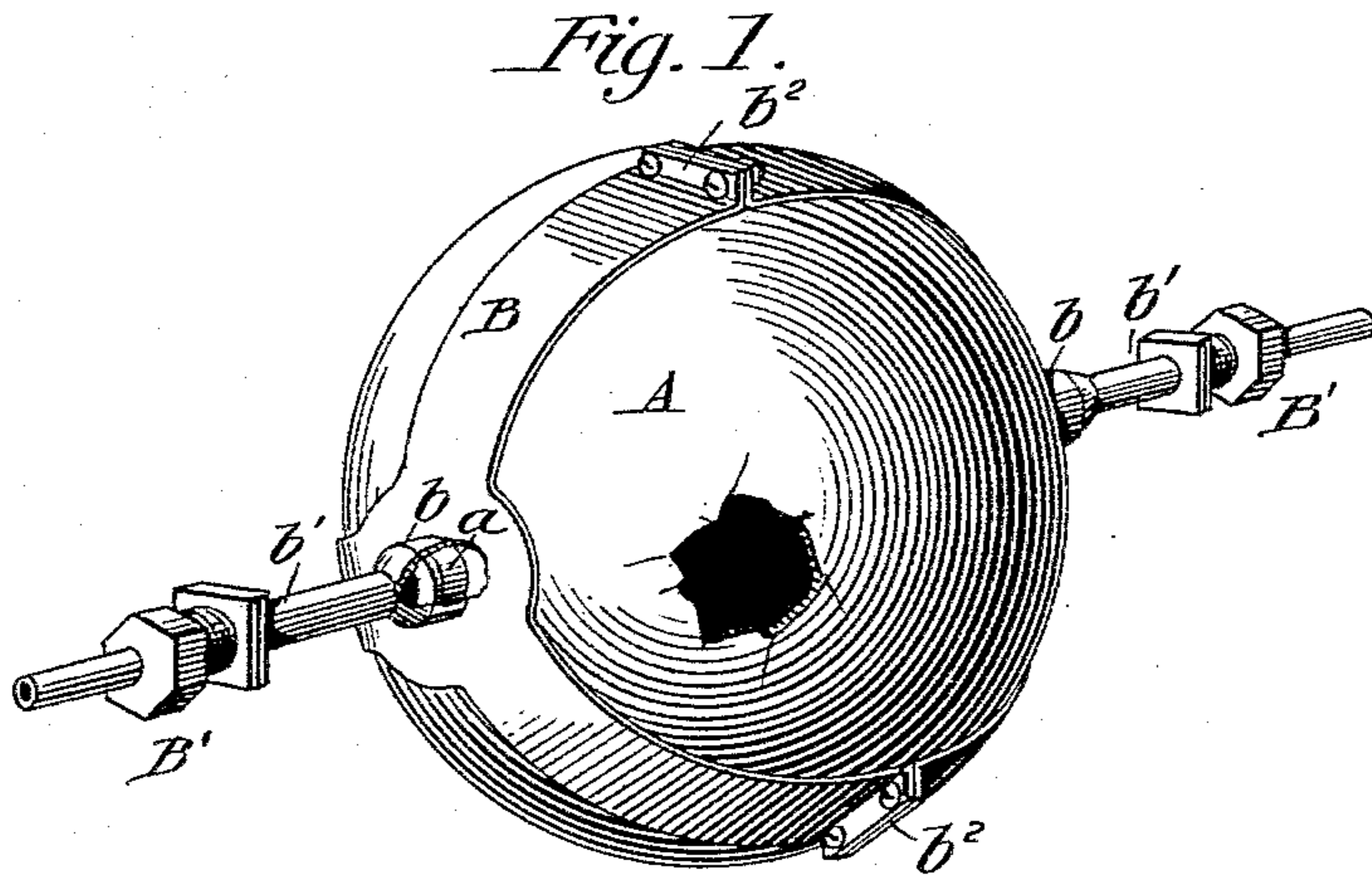
(No Model.)

W. B. HAWKINS.

DEVICE FOR COOLING ALES AND SIMILAR LIQUIDS.

No. 387,785.

Patented Aug. 14, 1888.



WITNESSES:

J. E. Clark.
Co. Sedgwick.

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WILLIAM B. HAWKINS, OF NEW YORK, N. Y.

DEVICE FOR COOLING ALES AND SIMILAR LIQUIDS.

SPECIFICATION forming part of Letters Patent No. 387,785, dated August 14, 1888.

Application filed August 29, 1887. Serial No. 248,197. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM B. HAWKINS, of the city, county, and State of New York, have invented a new and Improved Device for
5 Cooling Ales and Similar Liquids, of which the following is a full, clear, and exact description.

My invention relates to an improvement in devices for cooling ales and similar liquids, and has for its object to provide a means whereby
10 the liquids will be kept at a proper temperature in a simple, inexpensive, and effective manner.

The invention consists in the construction and arrangement of parts hereinafter fully de-
15 scribed and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

20 Figure 1 is a perspective view of the device. Fig. 2 is an illustration of the application of the same, and Fig. 3 is an enlarged sectional view of one end of the reservoir and connections.

25 In carrying out the invention a reservoir, A, is provided of any suitable size and constructed of any suitable material, such as stone, iron porcelain-lined, or copper. Stone, however, is preferred, and in the illustrations
30 the reservoir is represented as made of that material.

The reservoir A is preferably shaped more or less oval and provided at diametrically-opposite points with inlet and outlet apertures
35 provided with nipples *a*. When the reservoir is constructed of stone, a spider-like metal jacket, B, made in two sections, is provided to encompass the exterior, each having an integral sleeve, *b*, adapted to surround the nipples
40 *a* at the inlet and outlet, and to each sleeve a length of pipe, *b'*, is attached, threaded at the ends to receive the coupling B' of the tubing leading, respectively, to the cask C and draft-faucet C'. The two sections of the jacket B
45 are united over the reservoir by screw-bolts passing through their upturned contiguous

edges *b*², as shown in Figs. 1 and 2, or in any other approved manner.

In operation the reservoir, having been connected at one end with the draft-faucet and at
50 the opposite end with the cask or receptacle in which the liquid is contained, is placed in an ice box or chest under the ice, or in a position to receive the drip therefrom; or, which in many cases is preferable, the reservoir is sub-
55 merged in a tank, H, as illustrated, filled or nearly filled with water kept at a proper low temperature by the introduction of ice.

The reservoir may be surrounded by ice, if preferred; but this arrangement is not desir-
60 able, inasmuch as it is rendered too cold and the liquid in the reservoir rendered more or less flat and cloudy.

It will be observed that even if the liquid is steadily drawn from the cask it will be
65 cooled to a great extent by its passage through the reservoir, and that if the said reservoir is made sufficiently large a number of glasses may be drawn at short intermission without a perceptible change in the degree of coldness.
70

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a device for cooling liquids, the reservoir A, having inlet and outlet apertures, and
75 the spider-like metal jacket B, formed in two sections bolted together around the receptacle, and having pipes *b'* registering with the inlet and outlet apertures therein, substantially as set forth.
80

2. The combination, with the reservoir A, having inlet and outlet apertures provided with nipples *a*, of the two-part spider-like jacket B, bolted together around the reservoir and provided with integral sleeves *b*, receiving the nipples *a*, and having lengths of pipe
85 *b'*, substantially as set forth.

WILLIAM B. HAWKINS.

Witnesses:

CHARLES H. BAILEY,
PAUL STEIER.